



Respiratory Protection Plan

Ethan Construction Policy:

All Ethan Construction personnel must use respiratory protection equipment when reasonable engineering controls and chemical cannot minimize respiratory hazards.

All employees must use appropriate respiratory protection when working in environments that are oxygen deficient (below 19.5% by volume) or in atmospheres containing dust, mist, vapors, smoke, or fumes that may exceed the permissible exposure limits (PELs) as defined by WISHA, OSHA, or more stringent limits set by a specific health and safety plan. Disposable respirators will be used whenever possible.

Medical Questionnaire:

Before an employee may work with a respirator, he or she must have completed the "respirator Medical Questionnaire". The safety supervisor or superintendent shall review the questionnaire for completeness and evaluate if worker is fit to wear a respirator.

Fit Test:

Respirator fit tests are conducted to ensure that the respirator face piece seals effectively and is reasonable comfortable for the wearer. An irritant smoke test is conducted on personnel with respirators each time a new respirator is assigned and on an annual basis thereafter.

A written record of the fit test is recorded and filed by the superintendent. Both positive and negative pressure tests are conducted by the user each time a respirator is used.

Respirator Training:

All employees required to use respiratory protection equipment must be trained by a competent person in the proper use of the equipment and its limitations.

Training includes:

- Proper respirator selection, use, and maintenance
- Examination of various respirators
- Correct fitting of a respirator
- Testing procedures for the face piece seal
- Trial wearing of the respirator in normal air



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- Trial wearing of the respirator in a test atmosphere

Cleaning and Disinfecting the Respirator:

Each person must clean and disinfect his or her own respirator after each use according to the manufacture's instructions. Because strong cleaning and sanitizing agents or solvents can damage rubber or electrometric respirator parts, use these materials only after consultation with the respirator manufacture.

Storage:

Store respirators in a convenient, clean, and sanitary location to protect them against dust, sunlight, heat, extreme moisture, and damaging chemicals. Store in such a way that face pieces and exhalation valves rest in a normal position to prevent the rubber or plastic from deforming into an abnormal shape. All disposable respirators should be stored in the sealed package they are supplied in until they are to be used. After use, as per manufactures suggestions, the respirator may be cleaned or disposed.

Inspection and Maintenance:

Each user of respiratory protection equipment must inspect respirator for wear and deterioration of parts before and after each use.

Respirators shall not be repaired, but shall be disposed of and replaced.

Approved Respirators

Respirators used by Ethan Construction employees must be approved by the Mine Safety and Health Administration of the Department of Labor and by the National Institute of Occupational Safety and Health and Human Services.

The respirators must meet the standard for which they were designed and should be worn as per instructed by the manufacture.

Ethan Construction Safety Supervisor's Role:

The Ethan Construction Project Superintendent is responsible for on site compliance with the respiratory protection program requirements. These responsibilities include:

- Ensure that employees are provided with proper respiratory protection equipment.
- Enforcing the proper use of equipment when and where required.
- Ensuring employees are properly trained in the selection, care, and use of respiratory protection equipment.



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- Ensuring proper maintenance and storage of respiratory equipment.

Employee Responsibility:

Each employee is responsible for contributing to the success of the respiratory protection program. Employee responsibilities include:

- Use of respiratory equipment in accordance with training and instructions
- Guarding against damage to the equipment
- Observation of all safety rules and regulations pertaining to respiratory protection equipment.
- Maintenance of personal grooming conducive to proper fit and wearing of respiratory protection equipment.
- Reporting of malfunction of equipment to the Ethan Construction superintendent.